

Joining the ILHIE - Clinics and Medical Practices

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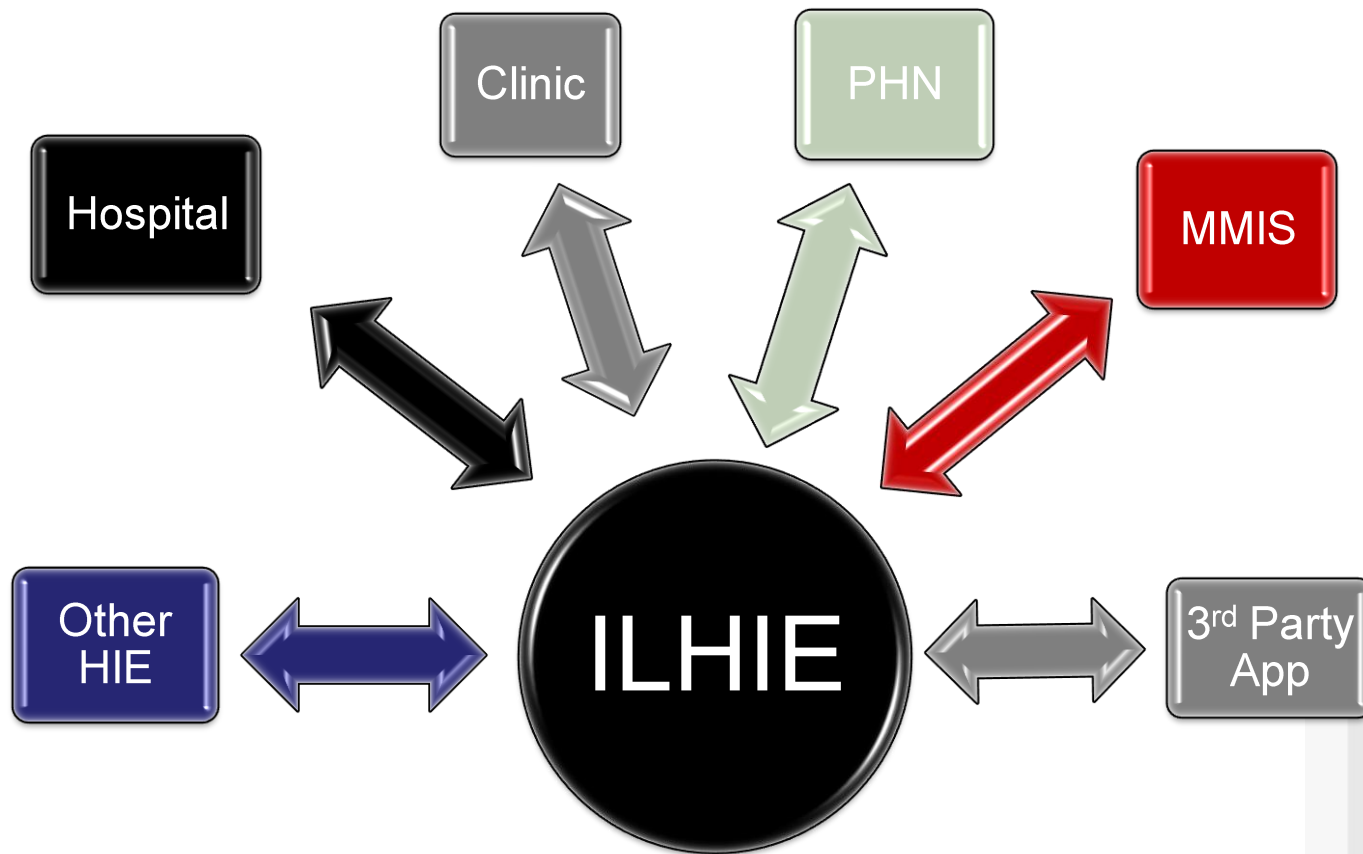


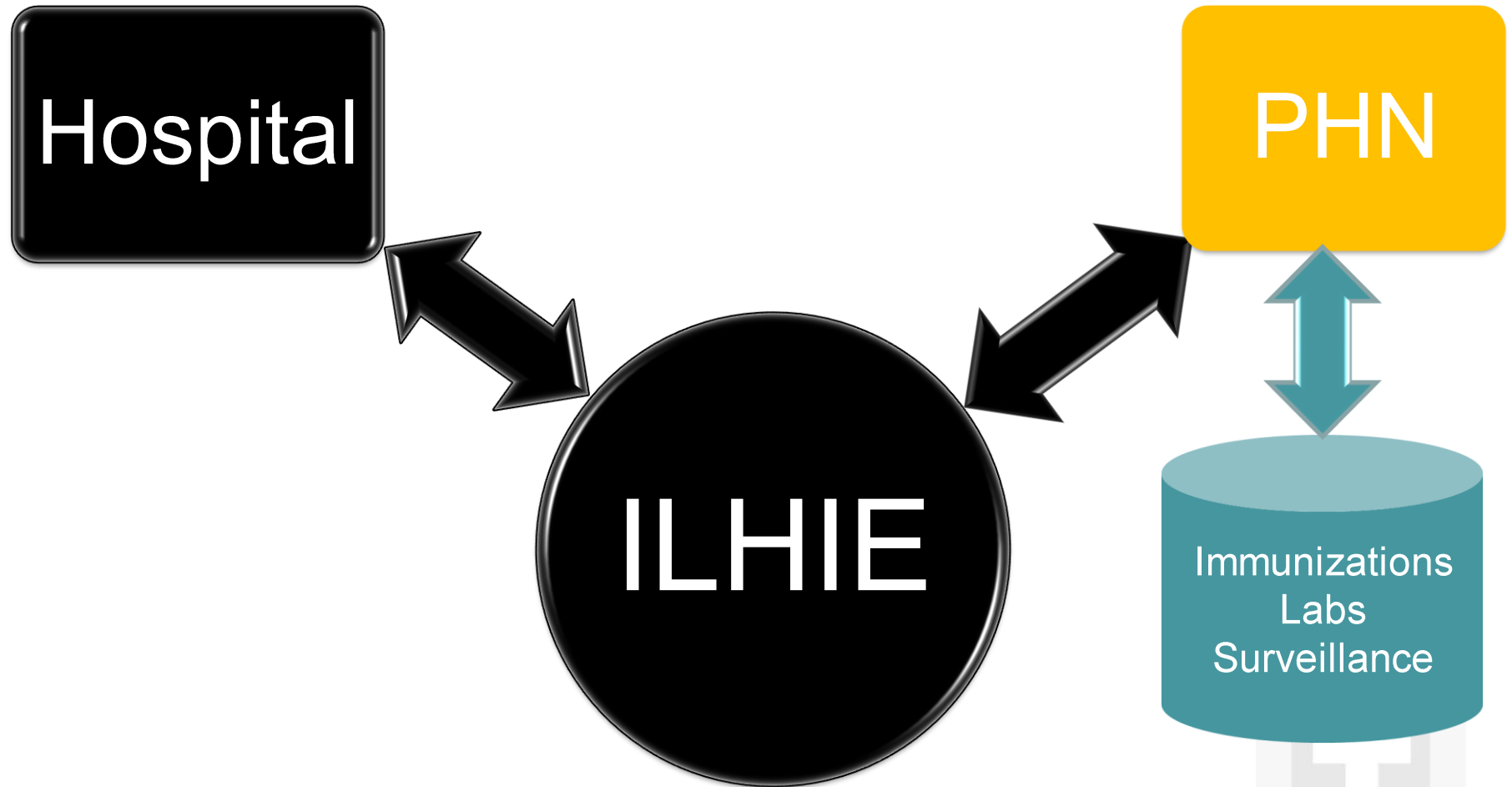
What does ILHIE offer?

- ILHIE Direct, Secure messaging
- Statewide Directories/Registries
 - Master Patient (Person) Index (MPI)
 - Provider Directory
 - Public Health Node
- Medical Record Aggregation
 - Gets all patient records available via statewide HIE
- Privacy, security & consent services
- Platform for service extensions
 - Opportunities for entrepreneurs



ILHIE Participants

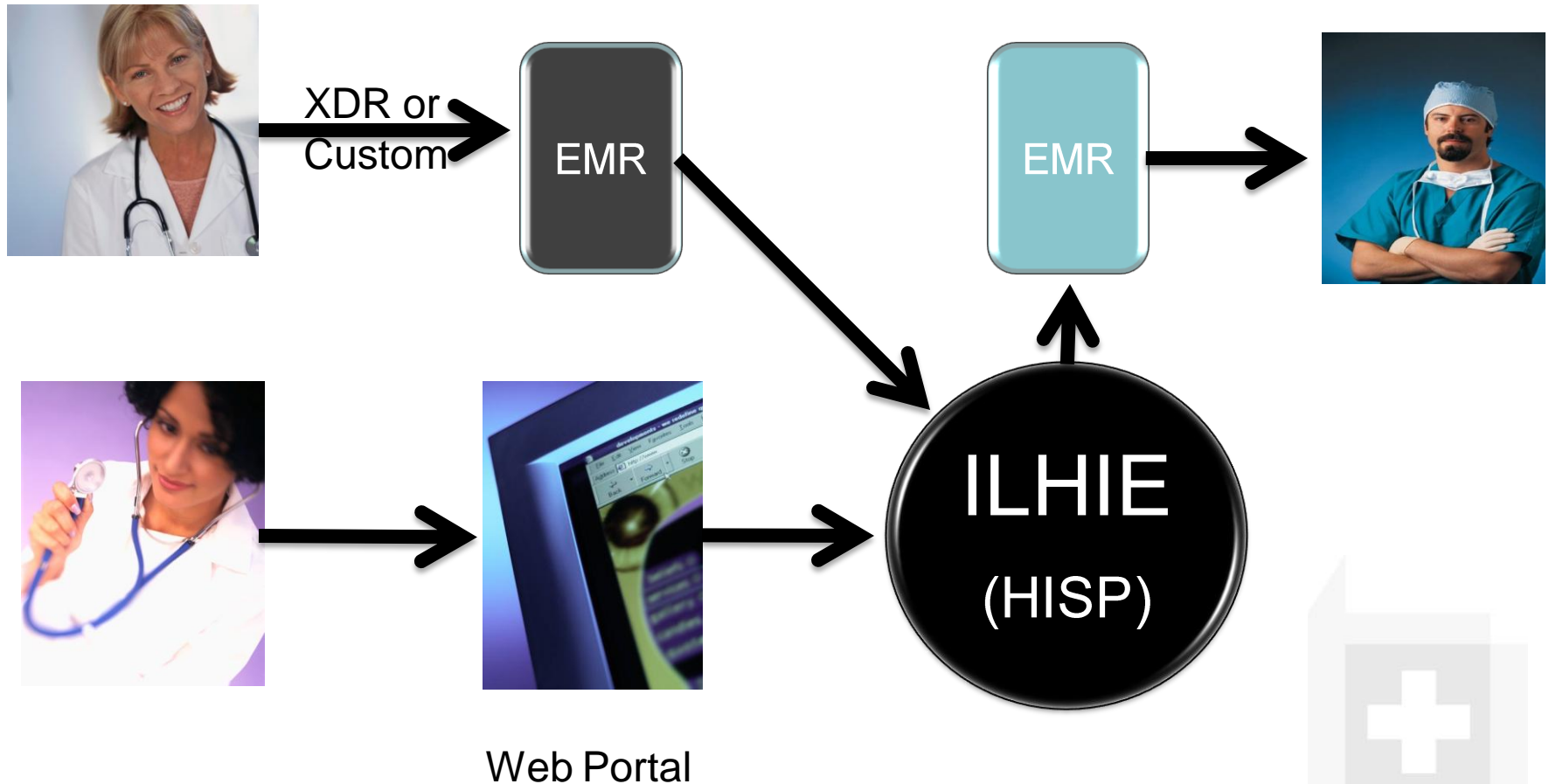




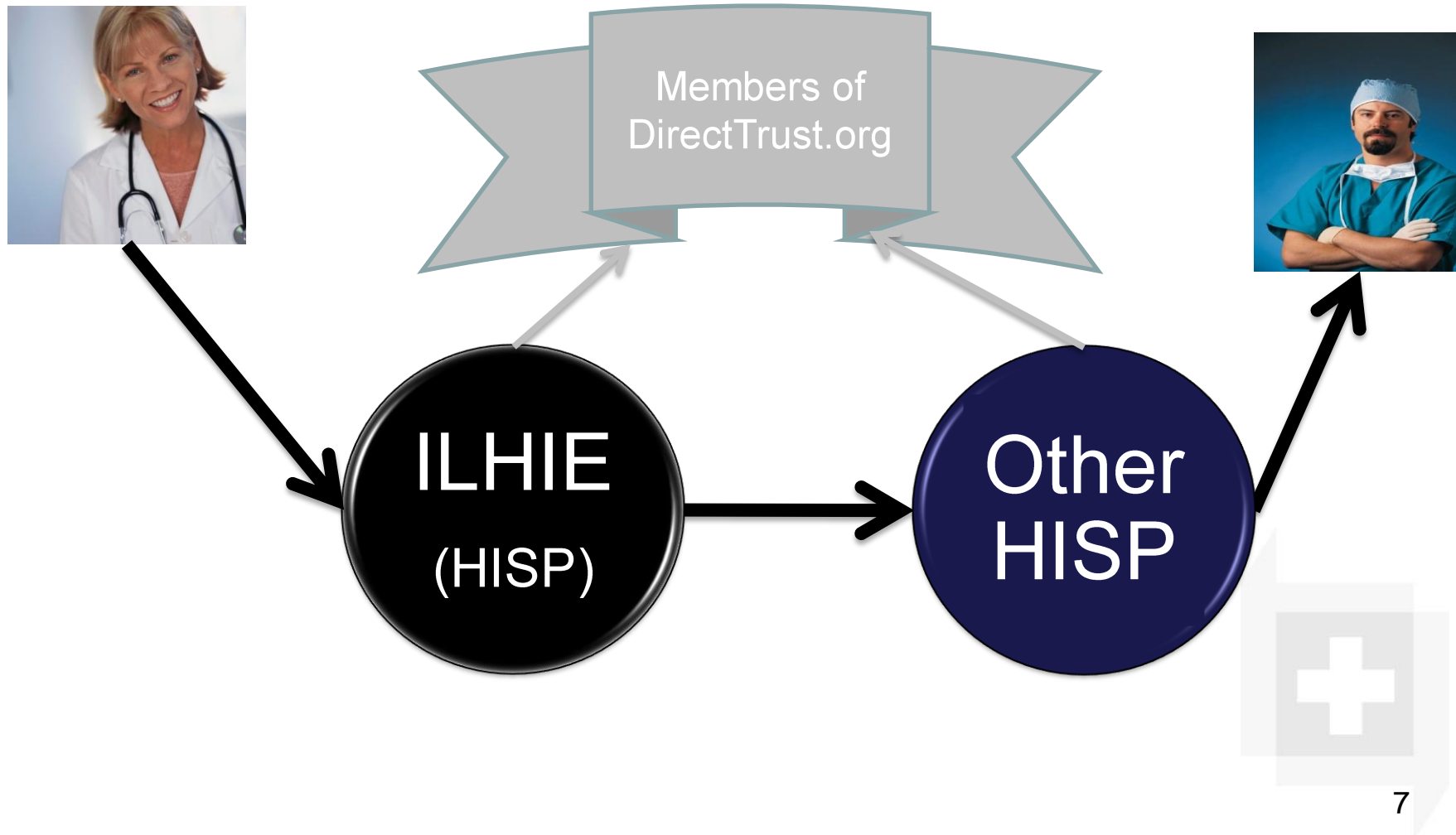
- ILHIE Direct
- Bidirectional connections
 - MPI, XDS.b
 - XCA
- VPN
 - Public Health Node connectivity
 - HL7 ADT feeds



ILHIE Direct Connectivity 1



ILHIE Direct Connectivity 2



- For Web Portal
 - Internet Connectivity
- For EMR Integration
 - SAML Assertion capability from EMR
 - EMR has Direct integration feature or
 - EMR can integrate a web page or
 - System Integrator or technical staff
 - Knows the EMR API set
 - Knows Direct protocols



Master Patient (Person) Index

- Based on a common set of fields
- Cross reference
 - Medical Record Number
 - Medicaid RIN (for those who have one)
 - Other references
- Use IHE PIX/PDQ for add, update & query
- Is the key repository for ILHIE



Continuity of Care Document (CCD, C32)

- Based on IHE standard
- Uses XDS.b for Hospital connections
- Must be compatible with NIST validator
- ILHIE will return an aggregated C32 on demand
 - All records known to the system will be aggregated
 - Sources will be identified
 - ILHIE does not retain records
- Consent management
 - Participation is all or nothing
 - ILHIE maintains an opt-out flag
 - Local EMR must manage opt-in (HIV, genetic tests, etc.)

- EMR that is compatible with IHE profiles
- Ability to work with ILHIE staff to:
 - Create MPI bulk upload
 - Create and test C32
 - Select use case
 - ER use case
 - Referral use case – needs ILHIE Direct
- OR
 - Must work with systems integrator to build/buy interface

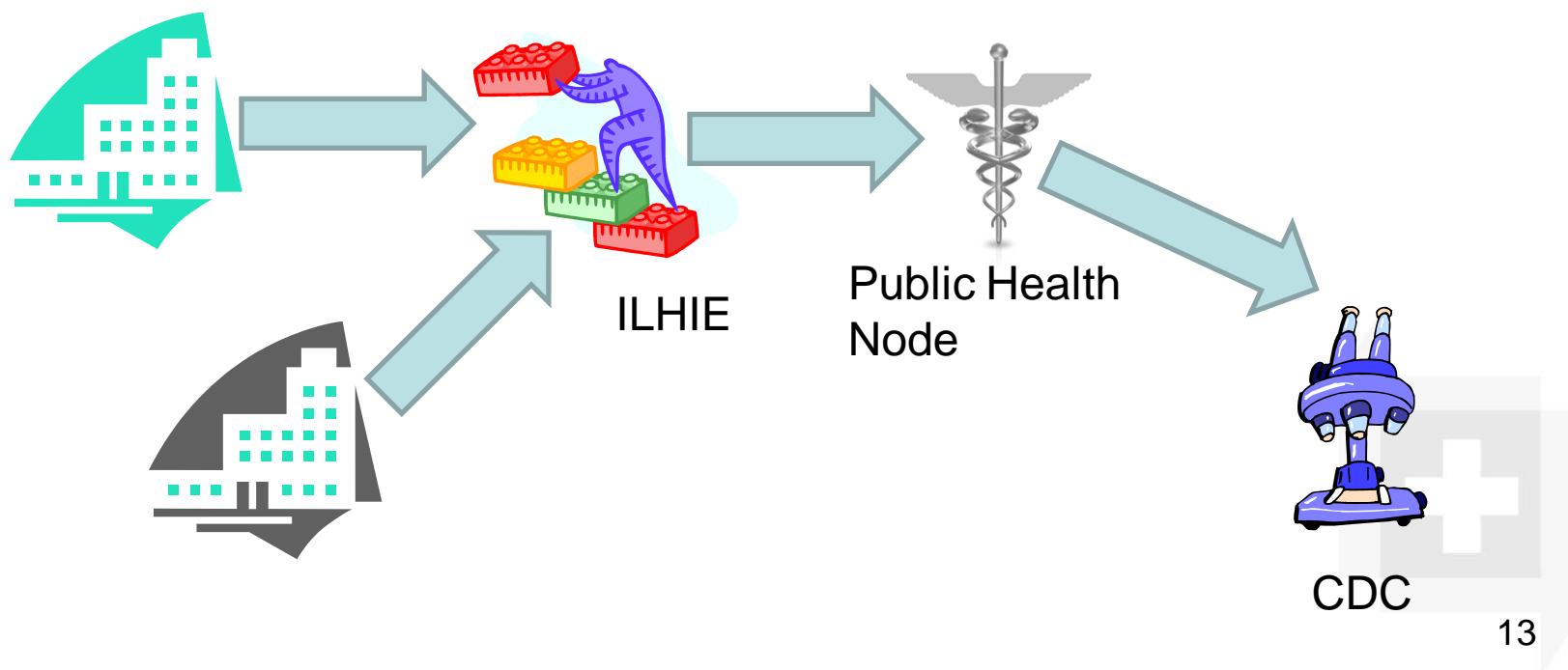


Steps for Bidirectional Onboard

- Data Sharing Agreement
- Use case selection
- Workflow integration
- MPI bulk load test
- MPI bulk load
- Test PIX/PDQ protocols
- C32/CCDA validation
- Full query test
- Production



- Provides access to a variety of services
 - Public Health Node access – Now
 - ADT feeds (notifications – Soon)
 - Access to other State services as available



- Determine PHN services desired
- Data sharing agreement with IDPH
- Determine how to connect
 - VPN (best choice)
 - Secure FTP (SFTP)
 - Direct
- Establish and test connection
- Validate all functionality
- Cut over to production



- ILHIE Direct
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- Public Health Node
 - John Lekich – john.lekich@illinois.gov
- Bi-directional connectivity
 - Ivan Handler – ivan.handler@illinois.gov

